**Xamax New Product Development Engineer**

**Xamax Industries** is a 71-year-old diversified global supplier of high-quality products to the commercial and consumer markets; all sales are B2B. Xamax specializes in natural and synthetic fibers, Kraft and tissue papers, thermoplastic films, natural and synthetic nonwoven fabrics, and value-added laminations and coatings, all tailored to our customers’ process and performance requirements. Xamax is an ISO certified organization.

**Project Overview**

The person is responsible for working on product and process development with responsibility for gathering and evaluating competitive samples, performing tests, analyzing financial and scientific results and working with internal and external staff to reach conclusions and recommendations. Three to five years of experience in materials, ideally composites comprising of (non-wovens, polymers, fibers, emulsions...) desirable; engineering background required. Position located in Seymour, CT

**Core Responsibilities**

- Interface liaison between New Product Development and internal/external test labs
- Research customer needs, both known and emerging and conceptualize new product creations
- Interface with suppliers to obtain sample products, TDS and understand basic processing parameters of materials
- Prepare and witness manufacturing trials
- Perform basic cost analysis on experimental products encompassing materials, labor, freight, scrap & overhead
- Post evaluation and summarizing lab reports of prototypes; assist on analysis
- Research competitive products
- Evaluate/analyze competitive samples and products working with product development team
- Compile engineered sample packets for customer review
- Help coordinate and gather substrates used during lab line run making prototype samples. Cut and label sample test sheets

**Skills Required**

- Engineering background, preferably material science; chemical engineering or mechanical engineering background acceptable
- Knowledge of materials; thermoplastic polymers and additives, papers, synthetic non-wovens
- Computer literate especially in online research, data tabulation and manipulation
- Technically astute engineering background (academic or work)
- Knowledge on FRP (Fiber Reinforced Products) very helpful
- Comfortable in small industrial R&D environment
- Team player with ability and experience in working with others
- Ability to travel off-site to visit potential vendors to perform tests and potential customers to explain results

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